






## Assessment Summary

Woolper Creek 7.45 to 14.2 KY485711_02	 <p>This part of the stream does not support aquatic life, does not support swimming (Primary Contact Recreation).</p>
Allen Fork to Headwaters	
Boone County, Ohio River Basin	
HUC 05090203	
Assessment Date: 4/7/2016	


Use	Cause of Impairment	Suspected Source(s) of Impairment	Basis for Listing	Data Collection and Analysis Methods <sup>1,2,3</sup>
 (5-NS)	Cause Unknown	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers	The cause of impairment could not be determined	Biological Monitoring, Monitoring Data Collected by Other Agencies or Organizations, Monitoring data more than 5 years old, Surveys of fish and game biologists/other professionals
 (5-NS)	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal	Problems associated with nutrient enrichment are evident in water quality conditions and/or the aquatic community	Biological Monitoring, Monitoring Data Collected by Other Agencies or Organizations, Monitoring data more than 5 years old, Surveys of fish and game biologists/other professionals
 (5-NS)	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers	Problems associated with decaying plant and animal material (e.g. waste) are evident in water quality conditions and/or the aquatic community	Biological Monitoring, Monitoring Data Collected by Other Agencies or Organizations, Monitoring data more than 5 years old, Surveys of fish and game biologists/other professionals
 (5-NS)	Total Suspended Solids (TSS)	Illegal Dumps or Other Inappropriate Waste Disposal, Impacts from Hydrostructure Flow Regulation/modification, Urban Runoff/Storm Sewers	Concentrations are negatively affecting the aquatic community and/or recreation	Biological Monitoring, Monitoring Data Collected by Other Agencies or Organizations, Monitoring data more than 5 years old, Surveys of fish and game biologists/other professionals

<sup>1</sup> Data locations: Physical/chemical monitoring data and pathogen data can be found on the EPA Water Quality Portal; chemical monitoring data for regulated facilities (e.g. wastewater and drinking water) can be found in the EPA ECHO database (online); biological monitoring summary scores and habitat assessment scores can be found in the EPA STORET database (online); and raw community species data and fish tissue analysis data are available on request through KDOW Open Records (expected in STORET 2015).

<sup>2</sup> Data Source(s): KDOW FO, KDOW NPS, NPS - External Org

<sup>3</sup> Data Collection Date(s): 10/1/1999 - 10/16/2012

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 (5-NS)	Escherichia coli	Loss of Riparian Habitat, Managed Pasture Grazing, Non-Point Source, Residential Districts, Upstream Source	Concentrations exceeded the water quality standard	Monitoring Data Collected by Other Agencies or Organizations, Pathogen Monitoring
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